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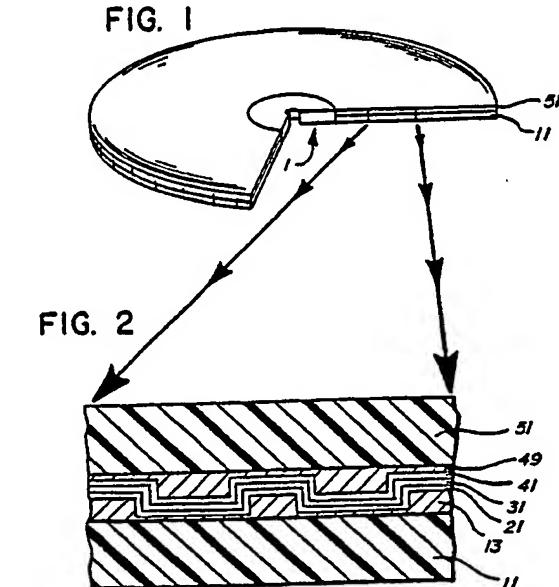
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(54) Data storage device having an encapsulated phase change memory medium and means for suppressing ablation thereof.

(57) An optical data storage device (1) having an encapsulated optical data storage medium (31). The optical data storage medium (31) is subject to ablation both within the medium and at its interface with the encapsulant (21), and is provided with ablation suppressing means.



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EUROPEAN SEARCH REPORT

Application Number

EP 88 31 0212

| DOCUMENTS CONSIDERED TO BE RELEVANT | | | |
|---|---|--|---|
| Category | Citation of document with indication, where appropriate, of relevant passages | Relevant to claim | CLASSIFICATION OF THE APPLICATION (Int. Cl.4) |
| X | EP-A-24136 (XEROX CORPORATION) * page 4, lines 14 - 24; claims 7-10 * | 1 | G11B7/24 |
| A | --- | 9-10 | |
| A | FR-A-2435780 (SUMIMOTO CHEMICAL COMPANY, LTD ET AL.) * claims 1, 7 * | 1 | |
| A | EP-A-174658 (MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD) * claims 1-7 * | 5-13 | |
| TECHNICAL FIELDS SEARCHED (Int. Cl.4) | | | |
| G11B | | | |
| The present search report has been drawn up for all claims | | | |
| I | Place of search THE HAGUE | Date of completion of the search 06 JULY 1990 | Examiner MINI A.E. |
| CATEGORY OF CITED DOCUMENTS | | | |
| X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document | | T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application I : document cited for other reasons & : member of the same patent family, corresponding document | |
| EPO FORM 1500 (01.92 (P0401)) | | | |